



## **JOB DESCRIPTION**

### **CONTRACTUAL POSITION**

#### **JOB TITLE: DESIGN ENGINEER INFRASTRUCTURE**

#### **JOB SUMMARY:**

The Land Settlement Agency (LSA) is responsible for the infrastructure development of state lands under its purview as part of Government's mandate for the Agency. The Design Engineer is responsible for the design and preparation of infrastructure and construction drawings utilizing various modelling software. He/ she is required to prepare construction drawings and provide technical assistance to the project team, while ensuring that project plans conform to industry standards.

#### **REPORTS TO:**

- Manager, Infrastructure Development Unit

#### **SUPERVISION GIVEN TO:**

- Supporting staff

#### **DUTIES AND RESPONSIBILITIES:**

- Interface directly with Contractors, Design and Construction Supervision Consultants
- Design and prepare the requisite drawings to aid in the construction of water reticulation, sewage collection and drainage systems, road-works and ancillary structures; including bridges, culverts, retaining walls etc.
- Interfaces with Regulatory Agencies for approval of designs
- Assists in the preparation of Bills of Materials and other Tender Documents
- Lead, supervise and review the works of supporting staff

#### **KNOWLEDGE, SKILLS AND ABILITIES**

#### **KNOWLEDGE:**

- Knowledge of Project Management within multi-disciplinary Design Projects
- Knowledge of new technologies relating to infrastructure works
- Knowledge of Cad / Civil 3D applications
- Knowledge of Construction Law will be an asset
- Knowledge of Materials Technology

#### **SKILLS AND ABILITIES:**

- Excellent written and oral communication skills
- Ability to work within tight timelines and meet deadlines
- Proficiency in the use of Microsoft Office Suite
- Skill in the use of Project Management Software
- Ability to design in a CAD environment
- Organization Skills

	<ul style="list-style-type: none"> <li>▪ Strong leadership skills</li> <li>▪ Management Skills</li> <li>▪ Goal Oriented</li> <li>▪ Team player</li> </ul>
<b>MINIMUM EXPERIENCE AND TRAINING:</b>	
<ul style="list-style-type: none"> <li>▪ Degree from an accredited institution in Civil Engineering and Registration with the Board of Engineering Trinidad and Tobago</li> <li>▪ A minimum of three (3) years' graduate experience in Infrastructure Design</li> </ul> <p><u>Additional requirements</u></p> <ul style="list-style-type: none"> <li>▪ Engineering experience in irregular existing developments will be considered a desirable asset</li> <li>▪ Certification in AutoCAD Draughting will be considered a desirable asset.</li> </ul>	